

5. (Amended) The user-input device of claim 1, wherein the controller is coupled to indicate the orientation of the housing to a processor-based system.

6. (Amended) The user-input device of claim 5, wherein the controller is coupled to cause the one or more pixels to be activated based on the orientation of the housing.

7. (Amended) The user-input device of claim 1, further comprising an activatable element disposed between the first and opposite ends, the controller to cause the one or more pixels to activate in response to an activation of the activatable element.

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8. (Amended) The user-input device of claim 7, wherein the controller is coupled to provide at least one of sound or air in response to the activation of the activatable element and wherein the controller is coupled to adjust the intensity of pixels based on a selection level of the activatable element.

9. (Amended) The user-input device of claim 7, wherein the controller is coupled to allow a selection of a color and wherein the controller is coupled to cause the one or more pixels to be activated with the selected color in response to the activation of the activatable element.

10. (Amended) The user-input device of claim 1, further comprising an optical sensor located substantially at the first end, wherein the optical sensor is coupled to indicate the position of the housing.

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11. (Amended) The user-input device of claim 1, wherein the controller is coupled to cause the one or more pixels to be activated in an airbrush-like manner based on the position of the first end.

12. (Amended) A method, comprising:  
determining, in a user-input device, a distance of a first end and a second end of the user-input device relative to a display device; and  
activating one or more pixels of the display device based on the distance of the first and second ends of the user-input device relative to the display device.

13. (Amended) The method of claim 12, comprising receiving information regarding an angle of the first end of the user-input device relative to the display device.

14. (Amended) The method of claim 12, comprising determining the distance of the user-input device relative to the display device using triangulation.

15. (Amended) The method of claim 12, further comprising determining an orientation of the user-input device relative to the display device.

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17. (Amended) An article comprising one or more machine-readable storage media containing instructions that when executed enable a processor to:

determine a position of a first end and a second end of a user-input device in the user-input device; and  
illuminate one or more pixels of a display device based on the position of the user-input device.

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26. (Amended) A system, comprising:

a user-input device comprising a controller to receive one or more signals from a plurality of sensors located on a display device of a processor-based system, transmit information to the processor-based system regarding a position of the user-input device, and cause one or more pixels of the display device to activate based on the transmitted information.

27. (Amended) The system of claim 26, wherein the controller is coupled to transmit information to the processor-based system regarding at least one of orientation and speed of the user-input device.

28. (Amended) The system of claim 27, wherein the controller is coupled to cause the one or more pixels to activate based on at least the transmitted information regarding the orientation and speed of the user-input device.

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31. (Amended) A digital airbrush peripheral, comprising:

a housing;

a display coupled to the housing, to indicate a currently active digital paint color;

an activatable element coupled to the housing, to activate the digital airbrush peripheral;

a control unit to cause air to be generated in response to an activation of the activatable element; and

an interface coupled to the activatable element, to communicate information regarding the activatable element to a data processing device.

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